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(54) Information Routing

(57) The invention provides an improved method and apparatus for information routing and sharing in multiple computer networks, which can facilitate automatic integration of diverse network and data systems. In an integrated data network comprising multiple computer systems, distinct information users and sources are treated as "Blocks" 1. An Information Routing Layer 3 coupled to the Blocks provides for the routing of infor-

mation stored in the form of Datasets, which are combinations of field names, types, values and other components, from one Block 1 to another by a process of "Information Routing", such that an existing Dataset can be provided or an Aggregate Set can be constructed as required to meet an Information Request from a Block in the integrated data network without programmatic or specified workflow reference to other Blocks.

Integrated Data Network

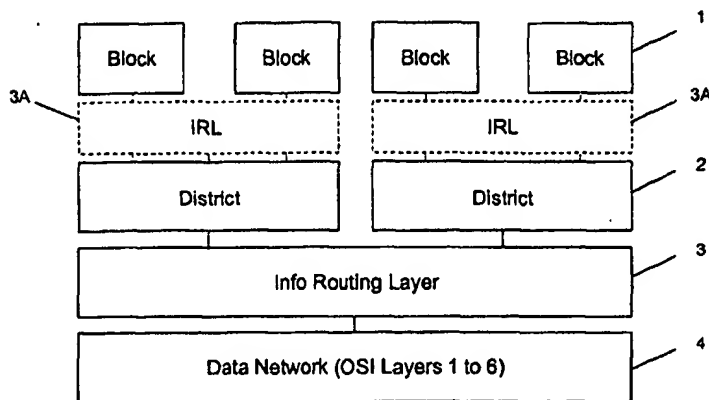


Figure 1 - Information Routing, Districts and Blocks



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EUROPEAN SEARCH REPORT

Application Number
EP 01 30 6806

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 0 806 731 A (SUN MICROSYSTEMS INC) 12 November 1997 (1997-11-12)	1,4,7,8	H04L12/56 G06F9/46
Y	* page 2, line 32 - line 58 * * page 3, line 51 - page 4, line 50 * * page 6, line 10 - page 7, line 11 * * page 10, line 20 - page 11, line 41 * * page 12, line 7 - page 13, line 43 * ---	2,3,5,6, 9,10	
Y	EP 0 862 113 A (ZUNO LIMITED) 2 September 1998 (1998-09-02) * column 2, line 24 - line 43 * * column 4, line 39 - column 5, line 6 * * column 7, line 5 - line 34 * * column 9, line 46 - column 10, line 27 * * column 12, line 25 - line 50 * ---	2,3,5,6, 9,10	
D,A	US 4 333 144 A (FREEDMAN MORRIS D ET AL) 1 June 1982 (1982-06-01) * column 2, line 10 - line 67 * * column 6, line 9 - line 36 * * column 8, line 48 - column 11, line 5 * * column 13, line 3 - line 15 * * column 85, line 45 - line 68 * -----	1-10	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H04L G06F
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 13 October 2003	Examiner AVILES MARTINEZ, M
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 30 6806

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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13-10-2003

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0806731	A	12-11-1997	US 5873084 A	16-02-1999
			DE 69723612 D1	28-08-2003
			EP 0806731 A2	12-11-1997
			JP 10027121 A	27-01-1998
			US 5974417 A	26-10-1999

EP 0862113	A	02-09-1998	EP 0862113 A2	02-09-1998
			JP 10333925 A	18-12-1998

US 4333144	A	01-06-1982	NONE	
